

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **07079345 A**(43) Date of publication of application: **20.03.95**

(51) Int. Cl.

H04N 1/401
H04N 5/335
(21) Application number: **05160896**(22) Date of filing: **30.06.93**(71) Applicant: **ROHM CO LTD**(72) Inventor: **SAWASE KENSUKE**
OGATA HIROMI(54) **IMAGE SENSOR OUTPUT CORRECTION CIRCUIT**

signal correcting the dark output.

(57) Abstract:

COPYRIGHT: (C)1995,JPO

PURPOSE: To eliminate a dark distortion due to a dark current with simple configuration by providing a comparator circuit comparing a picture output from an image sensor chip with a dark output stored in a storage section and providing an output of a difference to the circuit.

CONSTITUTION: A counter circuit 8 designates an address to which data are outputted sequentially via an address line to a 1-time memory 4 synchronously with an SI signal and a CLK (clock) signal. The 1-time memory 4 sends dark output data at an address designated by the counter circuit 8 to a D/A converter 6 via a data line and the D/A converter 6 converts a digital signal from the 1-time memory 4 into an analog signal to input the analog signal to a differential amplifier 2. Since a picture output signal including a dark output as to a picture element and a dark output signal from the D/A converter 6 are inputted simultaneously to the differential amplifier 2, which calculates the difference and provides an output. The analog signal obtained from the differential amplifier 2 is a picture

